

# Certificate of Analysis

Dr. Ehrenstorfer



## Product Identification

10662000 Boldenone

CA 17b-Hydroxyandrosta-1,4-dien-3-one

IUPAC 17b-Hydroxyandrosta-1,4-dien-3-one

Formula C19H26O2

Mol.Weight 286.41

CAS No. 846-48-0

## Reference Materials for Residue Analysis

Expiry Date 06.02.2018

Lot Number 40129

Store at 20 °C ±4 °C

Please note: The expiry date is valid under recommended storage conditions only.

## Toxicological Data



R Code 40-48

S Code 36/37

LD50 (Rats female/male in mg/kg) N/A

## Physical Data

Phase crystalline solid

Color colourless

Melt.Range 168.9 °C

Vapour pressure N/A at °C

Solubility in water N/A g/l at °C

Boiling Range (lit.)

## Analytical Data

Detection: HPLC/DAD

Column: ReproSil 100 C18 5µ 250x3

Inj.-Vol.: 10.00 µl

Flow: 1.0 ml/min

Ret.-Time: 1.53 min.

Method Details:

Acetonitrile:H2O+0,5% H3PO4 4:1

Identity: UV, RT

Comment Purity was determined by external standard method.

Water Content 0.1 % Determined by Karl-Fischer Titration

Det. Purity 98.5 % Tolerance/Uncertainty +/- 1.0 %

The uncertainty/tolerance of this standard is calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U which is  $Uc(y)*K$ , where K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.

Certified on 06.02.2014

by Dipl. chem. S. Fischer

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DAkkS as indicated by the Accreditation Number D-RM-14174-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

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Phone +49 821 906080 · Fax +49 821 9060888 · info@analytical-standards.com  
The warranty for this product is limited to the purchasing price of this product.

Sample Name: 40204AL 40129

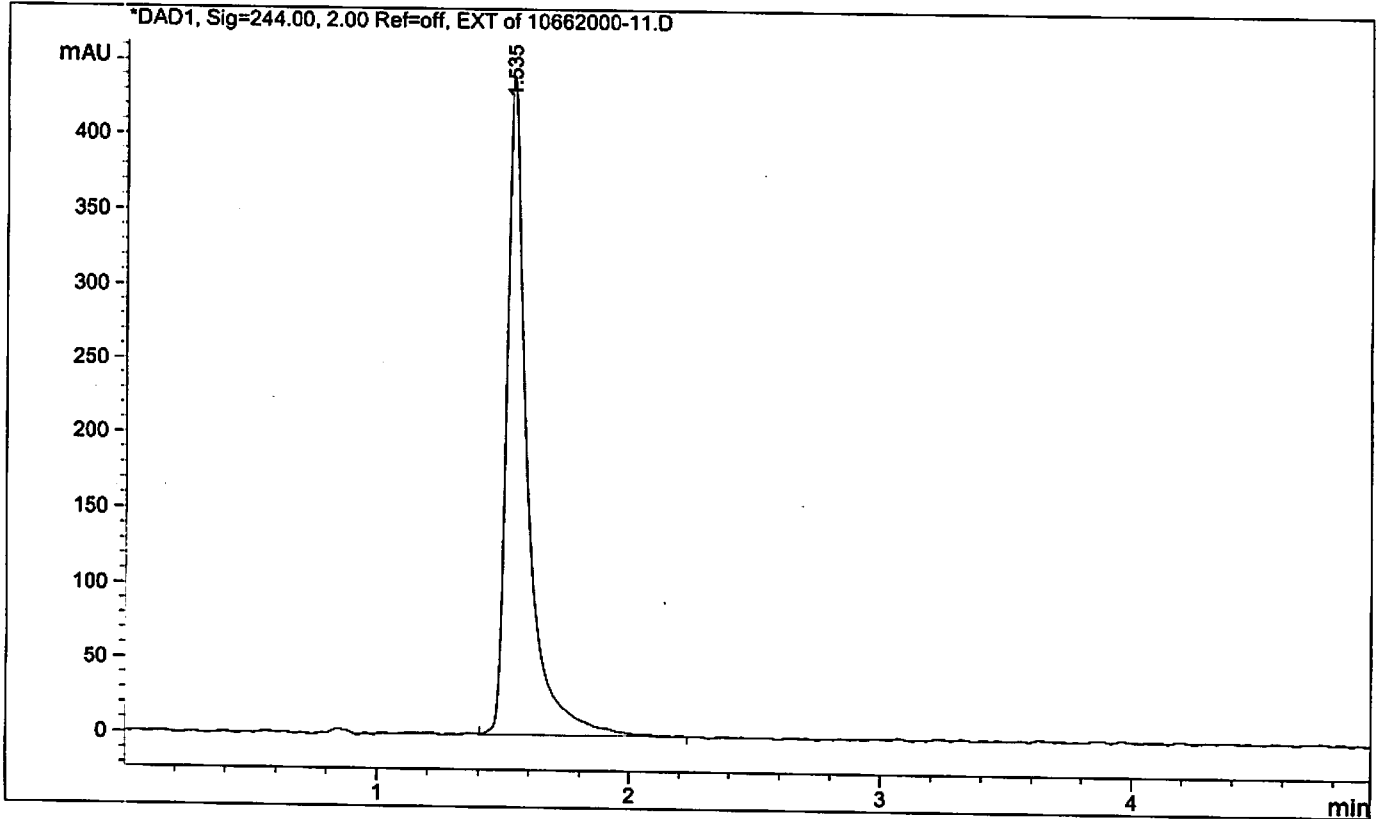
*Meller*  
*04.02.14*

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=====
Acq. Operator   : DAD1_Admin                      Seq. Line :   59
Acq. Instrument : Instrument 1                    Location  : Vial 81
Injection Date  : 03.02.2014 22:42:14           Inj       :    1
                                                    Inj Volume: 10.000 µl

Acq. Method     : D:\CHEM32\1\METHODS\41PK.M
Last changed    : 29.04.2013 08:42:36 by DAD1_Admin
Analysis Method : V:\DAD1\METHODS\41PK.M
Last changed    : 29.04.2013 08:42:36 by DAD1_Admin
Method Info     : Acetonitrile : Water + 0.5 % H3PO4 4:1+

Sample Info     : Boldenone
  
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                          Area Percent Report
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Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

```

Signal 1: DAD1, Sig=244.00, 2.00 Ref=off, EXT
Signal has been modified after loading from rawdata file!
  
```

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	1.535	1	VB	2541.32275	441.56415	100.0000

```
Totals :                2541.32275  441.56415
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*** End of Report ***
  
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*S.V*